Index of Claims

| Appl | ication/Conti | rol No. |
|------|---------------|---------|

10/574,536 Examiner

Charanjit S. Aulakh

Applicant(s)/Patent under Reexamination

AUBERSON ET AL.

Art Unit

1625

| <br><b>√</b> | Rejected |
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| =            | Allowed  |

| -        | (Through numeral)<br>Cancelled |
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| <u>.</u> | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| J | Interference |

| A | Appeal   |
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| 0 | Objected |

|  | laim                             | T                                       |          |               |          | ate       |          |                 |                    |
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|  |                                  |   |          |               |          | T         |          | Т               |                    |
| Final  | Original                         | 1/9/07                                  |          |               |          |           |          |                 |                    |
| <u> </u>   |                                  |   | <u> </u> |               |          | $\bot$    | $\perp$  | $\perp$         |                    |
|  | 1<br>2<br>3<br>4<br>5<br>6       | =                                       | _        | _             | _        | 4         | _        | 4               | $\bot$             |
| -  | + =                              | 14                                      |          |               |          | -         | +        | $\perp$         | 4                  |
|  | 13                               | 1                                       |          |               | -+       | +         | +        | +               | +                  |
| $\vdash$   | 5                                | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \   |          | $\dashv$      | $\dashv$ | +         | +        | +               | -                  |
|  | 1 6                              | 1/                                      | -        | $\dashv$      | $\dashv$ | +         | +        | +               | +-                 |
| -  |                                  | 17                                      | -        | $\dashv$      | $\dashv$ | +         | +        | +               | +                  |
|  | 8                                | V                                       |          | Ħ             | 7        | ╅         | +        | +               | +                  |
|  | 7<br>8<br>9                      | 1                                       |          | $\neg$        | $\dashv$ | $\top$    | +        | +               | +                  |
|  | 10                               | V                                       | ヿ        | 寸             | 十        | +         | +        | +               | $\vdash$           |
|  | 11                               |   |          |               |          | 1         | _        | 1               | 1-                 |
|  | 12                               |   |          | $\neg$        | $\top$   |           |          |                 | -                  |
|  | 13                               |   |          |               |          |           |          |                 |                    |
|  | 14                               |   |          |               |          | Т         |          |                 | $\top$             |
| L  | 11<br>12<br>13<br>14<br>15<br>16 |   |          |               |          |           | $\perp$  |                 |                    |
|  | 16                               | $\sqcup$                                | _        | ┙             |          |           |          |                 | $oxed{\Box}$       |
|  | 17                               |   |          | $\perp$       | 4        |           | _ _      | $\perp$         |                    |
|  | 18<br>19                         |   | _        | 4             | 4        |           |          |                 |                    |
| -  | 19                               | $\coprod$                               | -+       | _             | $\perp$  | $\perp$   |          | 1               | $\bot$             |
| <u> </u>   | 20                               | $\vdash$                                | -        | $\rightarrow$ | 4        |           |          | $\perp$         | $\perp \downarrow$ |
| <u> </u>   | 21<br>22                         | $\vdash$                                | -        | -+            | +        | +         | $\bot$   | $\perp$         | Ш                  |
| <u> </u>   | 22                               | $\vdash$                                | -        | +             | +        | +         | +        | +               | 1                  |
| <del> </del>                                     | 23<br>24<br>25                   | $\vdash$                                | ┽        | +             | +        | -         | +        | ╄               | $\dashv$           |
| -  | 25                               | -                                       | -        | -             | +        |           | ╀        | +-              | ┼┤                 |
| -  | 26                               | $\vdash$                                | +        | ╪             | +        | +-        | +        | +               | $\vdash$           |
| -  | 26<br>27                         | -                                       | $\dashv$ | +             | +        | ┰         | ╁        | ╀               | $\vdash$           |
|  | 28                               | $\vdash$                                | -        | +             | -        | +         | ╁        | +-              | H                  |
|  | 29                               | $\neg$                                  | +        | +             | +        | +-        | +-       | +               | $\vdash$           |
|  | 30                               | +                                       | $\dashv$ | 十             | +        | +         | +-       | ╁╌              | H                  |
|  | 31                               |   | 十        | $\top$        | Ť        | +         | †-       | +               | $\vdash$           |
|  | 32                               |   | $\neg$   | 十             | 1        | $\top$    | $\top$   | $t^-$           | $\vdash$           |
|  | 32<br>33                         |   | 1        |               |          | T         | $\top$   | Ť               | П                  |
|  | 34<br>35                         | $oldsymbol{oldsymbol{oldsymbol{\Box}}}$ |          |               |          | 1         | $\top$   |                 | П                  |
|  | 35                               |   |          |               |          |           |          |                 |                    |
|  | 36                               |   |          | _             |          |           |          |                 |                    |
|  | 37<br>38                         | _ _                                     |          | _             | $\perp$  | ↓         |          |                 |                    |
|  | 38                               |   | ┸        |               | $\perp$  | 1_        | $\perp$  |                 |                    |
| <u> </u>   | 39                               | -                                       | $\bot$   | 4             | _        | _         | _        |                 |                    |
| $\vdash$   | 40                               | -+-                                     | +        | +-            | ┿-       | ╁-        | <u> </u> | <u> </u>        | Ш                  |
| $\vdash \dashv$                                  | 41 42                            | -                                       | +        | +             | +        | -         | ┼        |                 | Ш                  |
| <del>  </del>                                    | 43                               | -                                       | +        | +             | +        | +         | ┼        | $\vdash$        | Н                  |
| <del>                                     </del> | 44                               | +                                       | +        | +             | +        | +-        | ⊢        | $\vdash$        | $\dashv$           |
| $\vdash \vdash$                                  | 45                               | -                                       | +        | +             | +        | +-        | $\vdash$ | $\vdash$        |                    |
|  | 46                               | +                                       | +        | +-            | +        | +         | +-       | $\vdash$        | $\dashv$           |
|  | 47                               | _                                       | +        | +             | 十        | +-        | -        | $\vdash \vdash$ | $\dashv$           |
|  | 48                               | $\top$                                  | $\top$   | +             | +        | $\dagger$ | $t^{-}$  | $\vdash$        | $\dashv$           |
|  | 49                               | $\top$                                  | T        | 1             | T        | 1         | $\vdash$ |                 | -1                 |
|  | 50                               |   |          | $\top$        | $\top$   | 1         |          |                 | $\dashv$           |

|              | laim           | Т  | _        | _        |           |          | 1            | Da        | te       |          | _         |          |          | - |
|--------------|----------------|--|----------|----------|-----------|----------|--------------|-----------|----------|----------|-----------|----------|----------|---|
|              |                | _  | Т        | _        | Т         | Т        |              |           | Ť        | Т        |           | Т        |          | - |
| <u> </u>     | Original       |  |          |          | ı         | 1        |              |           |          | ı        |           | l        |          |   |
| Final        | .e             | 9  | - 1      |          | i         | 1        |              |           |          | - 1      |           | l        |          |   |
|              | 0              | ·  | ı        |          | l         | 1        |              | ŀ         |          | 1        |           | l        |          |   |
|              | 51             | ╁  | +        | _        | ╁         | +        |              | H         | ╁        | +        |           | ┢        | - -      | - |
|              | 52             | ;+   | +        |          | H         | +        | -            | _         | ╁        | +        |           | ⊢        | ╁        | - |
| $\vdash$     | 53             | +  | +        |          | ┝         | +        | -            |           | ╁        | +        |           | ⊢        | ┿        |   |
|              | 54             | +  | +        |          | ┝         | +        | -            | _         | ╀        | +        | _         | ├-       | +        | _ |
| $\vdash$     | 55             | +  | +        |          | ⊢         | +        | $\dashv$     |           | ╁        | +        |           | ⊢        | +-       |   |
|              | 56             | <u>'</u>   | ╁        | _        | H         | ╁        | $\dashv$     |           | ╀        | +        |           | H        | +-       | _ |
| -            | 57             | +  | +        |          | ⊢         | ╫        | 4            |           | ╀        | +        |           | L        | - -      | _ |
| -            | 58             | +  | +        | _        | ├-        | ┿        | $\dashv$     |           | ╀        | +        | _         | H        | ╄        | _ |
| <u> </u>     | 59             | +  | +        |          | -         | +        | 4            |           | ╀        | +        |           | _        | ╀        | _ |
| <u> </u>     | 60             | +-   | +        | _        | _         | +        | +            |           | ╀        | +        | _         | L        | +        | _ |
| _            | 61             | ╁  | +        | -        | _         | ╁        | +            |           | ⊢        | +        |           | _        | ╄        | _ |
| <u> </u>     | 1 62           | ╫  | +-       | _        | _         | ╀        | -            |           | ⊢        | +        |           |          | +-       | _ |
| <b>—</b>     | 62<br>63       | ╁  | +        | _        |           | +        | 4            |           | ╀        | +        | _         | _        | ╁┈       |   |
| -            | 64             | +  | +        | _        |           | +        | 4            |           | L        | +        | 4         |          | 4_       |   |
| <u> </u>     | 64<br>65       | +  | ╀        | $\dashv$ |           | +        | 4            | _         | ┞        | 4        |           |          | ↓_       |   |
|              | 66             | ┿  | +        | -        |           | +        | 4            |           | L        | +        | _         |          | ╄        | _ |
| <u> </u>     | 67             | ╁  | +-       | 4        |           | ╀        | -            |           | ├        | +        | -4        |          | ┼-       |   |
| -            | 68             | +  | ╀        | 4        |           | ╁        | -            | _         | L        | +        | 4         | _        | 4        |   |
| <u>-</u>     | 69             | ┰  | ╌        | 4        |           | ╀        | +            |           | _        | +        | 4         |          |          | _ |
| <u> </u>     | 70             | ╁  | ╁        | $\dashv$ | _         | ╁        | +            |           | L        | ╀        | 4         |          | ╀        | _ |
|              | 70<br>71       | +  | ╀        | +        |           | ╁        | +            | _         | ┡        | +        | 4         |          | ╄        | _ |
| <del> </del> | 72             | ╁  | +-       | +        |           | ╀        | +            | _         | -        | ╀        | 4         |          | ╄        | _ |
| <u> </u>     | 72             | +-   | ╀        | +        |           | -        | +            |           | <u> </u> | ╀        | 4         |          | -        | 4 |
|              | 72<br>73<br>74 | ╁  | ╁        | +        | _         | ╁        | +            | _         | _        | ╀        | +         |          | ├        | 4 |
|              | 75             | ╁╌   | +        | ╅        |           | ╁        | +            | -         |          | ╀        | 4         |          | ╀        | 4 |
| _            | 75<br>76       | ╁  | ╁        | +        |           | ⊢        | ╁            | -         |          | ╁╌       | +         |          | ├        | 4 |
|              | 77             | +  | ╁        | +        |           | -        | +            | $\dashv$  |          | ╀        | ┥         |          | ├        | 4 |
|              | 78             | ┢  | $\vdash$ | +        |           | ┝        | +            | $\dashv$  |          | ╁        | +         | —        | ⊢        | 4 |
|              | 79             | +  | ✝        | †        |           | $\vdash$ | $^{+}$       | ᅱ         |          | ╁        | +         |          | -        | ┨ |
|              | 80             | T  | ╁        | $^{+}$   | _         | -        | +            | $\dashv$  | _        | ⊢        | ╁         | —        | -        | ┨ |
|              | 81             | ╁  | 1        | +        |           | -        | +            | -         |          | ╁        | ╅         | —        |          | ┨ |
|              | 81<br>82       | t  | 十        | +        | _         | $\vdash$ | +            | +         | _        | H        | +         |          | ┝        | ł |
|              | 83             | <del>                                     </del> | ┢        | t        |           | $\vdash$ | ╁            | ┪         | _        | ┝        | +         | -        | <u> </u> | 1 |
|              | 84             | t  | $\vdash$ | t        | _         | -        | 十            | +         | _        | ╁        | +         | _        | -        | ┨ |
|              | 85             |  | Г        | †        |           | -        | +            | $\dashv$  | _        | $\vdash$ | +         | -        |          | 1 |
|              | 86             |  | Г        | T        | _         |          | $^{\dagger}$ | $\dashv$  |          | $\vdash$ | $\dagger$ | -        |          | 1 |
|              | 87             | <u></u>  | -        | t        |           |          | t            | $\dashv$  | _        | -        | $\dagger$ | $\dashv$ |          | l |
|              | 88             |  | $I^-$    | Ť        | $\exists$ | -        | 1            | 7         |          | $\vdash$ | †         | ㅓ        | _        | 1 |
|              | 89             |  |          | T        |           | _        | T            | 7         |          | Н        | t         | $\dashv$ | _        | 1 |
|              | 90             |  | Т        | T        | ٦         |          | t            | +         |          |          | +         | ᅥ        | -        | 1 |
|              | 91             |  |          | T        | $\neg$    | _        | T            | $\dagger$ | _        | $\vdash$ | t         | $\dashv$ |          | 1 |
|              | 92             |  |          | T        | 7         | _        | Τ            | 1         |          |          | t         | ┪        | _        |   |
|              | 93             |  |          | Τ        |           | _        |              | $\top$    |          |          | T         | 7        | _        |   |
|              | 94             |  |          | Ι        | _         |          |              | $\top$    |          | _        | T         | 7        | $\neg$   |   |
|              | 95             |  |          |          |           |          | Γ            | T         |          |          | T         | 7        | ᅥ        | l |
|              | 96             |  |          | Γ        |           | _        |              | 1         |          | _        | T         | 7        |          |   |
|              | 97             |  | _        |          | J         | _        |              | J         |          |          | T         | 7        | ᅥ        |   |
| ]            | 98             |  |          |          |           |          |              | T         |          | _        | Γ         | 7        | ┪        |   |
|              | 99             |  |          | Ĺ        | $\perp$   |          |              | I         | J        | _        | Γ         | T        | ╗        |   |
|              | 100            |  |          | Ĺ        | $\int$    |          |              | Ι         |          |          | Γ         | T        |          |   |
|              |                |  |          | _        |           |          |              | _         | _        | _        |           |          | _        |   |

|          | Ci             | aim        | Τ        | _        |   |          | _        | _  | -        | Dа       | te           | _        | -        |   | - |                | _ |
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|          | -              |            | Γ        | T        | _ | Τ        |          | Γ  |          | <u> </u> | Ť            |          | Τ        | T |   | Т              | _ |
|          | Final          | Original   |          |          |   |          |          | ĺ  |          |          |              |          |          | 1 |   |                |   |
|          | ᇤ              | Ē          |          | 1        |   |          |          | ĺ  |          |          |              |          | l        | - |   |                |   |
|          |                | 0          |          |          |   |          |          |    |          |          |              |          |          |   |   |                |   |
|          |                | 101        | Τ        | †        | _ | T        |          | H  |          | ┢        | +            |          | 1        | + | _ | $\vdash$       | - |
|          |                | 102        | T        | †        | _ | t        | _        | Т  |          | ٠        | t            |          | r        | + | _ | $\vdash$       | 7 |
| ì        |                | 103        | T        | +        | _ | T        | Τ        | r  |          | Т        | ✝            |          | ┢        | + |   | ┢              | - |
| - 1      |                | 104        | Г        | T        | _ | T        |          | -  |          |          | $^{\dagger}$ | _        | H        | ╅ |   | <del>  -</del> | i |
|          |                | 105        | Г        | Ť        | _ | T        | ٦        | _  | T        | -        | ╁            |          | -        | + | _ | -              | 7 |
|          |                | 106        | Ī        | T        |   | T        | T        | _  | ┪        | _        | Ť            |          | -        | Ť |   | $\vdash$       | 1 |
|          |                | 107        |          | T        | _ | Τ        | ٦        |    | 1        |          | T            |          | ┪        | Ť | _ | H              | 1 |
|          |                | 108        | Г        | T        |   | Г        | 7        |    | 1        |          | †            |          | $\vdash$ | † | _ |                | 1 |
|          |                | 109        | Г        | T        | _ | Г        | 7        | _  | 7        | _        | 1            | =        | _        | + |   | _              | 1 |
|          |                | 110        | _        | T        |   |          | 7        |    | 1        |          | T            |          | _        | † |   | <u> </u>       | 1 |
|          |                | 111        |          | Τ        |   | Γ        | 7        |    | 1        |          | T            |          |          | T | _ | $\vdash$       | 1 |
|          |                | 112        |          | Τ        |   |          | 7        |    | 7        |          | T            |          |          | T |   |                | 1 |
|          |                | 113        |          | Т        |   | Γ        | 7        |    | 1        |          | 1            | ٦        | -        | T |   |                | 1 |
|          |                | 114<br>115 |          | Τ        |   | Г        | 1        |    | 1        |          | T            | 1        |          | T |   |                | 1 |
|          |                | 115        |          | Т        |   |          | 1        | _  | 1        |          | T            | 7        |          | T |   | _              | 1 |
|          |                | 116        |          | Τ        |   |          | 7        |    | 1        |          | Τ            | ٦        | _        | Ť |   |                | 1 |
| L        |                | 117        |          | L        |   |          | T        |    | 1        |          | Γ            |          |          | T |   |                | 1 |
| L        |                | 118        |          | T        |   |          | T        |    | 1        |          | Τ            | 7        | _        | T | ٦ |                | 1 |
|          |                | 119        |          |          |   |          | Ι        |    | I        |          | Γ            | 7        |          | T |   |                | 1 |
| L        |                | 120<br>121 |          |          |   |          | T        |    | T        |          | Γ            | 1        |          | Τ | 7 |                | 1 |
| L        |                | 121        |          |          |   |          | Ι        |    | T        |          | Г            | 7        |          | T | ٦ |                | ١ |
| L        |                | 122        |          | L        |   |          |          |    | Ι        |          |              |          |          | T |   |                | l |
| L        |                | 123<br>124 |          | L        |   |          | I        |    | Ι        |          |              | I        |          | Γ | ٦ |                | 1 |
| L        |                | 124        |          | L        | ╛ | _        | l        |    |          |          |              | Ι        |          |   | ٦ |                | ١ |
| Ĺ        |                | 125        |          | L        |   |          |          |    | I        |          |              | Τ        |          | Τ |   |                |   |
| L        | $\dashv$       | 126<br>127 |          | L        |   |          |          |    |          |          |              |          |          |   |   |                |   |
| L        |                | 127        |          |          | _ |          | L        |    | L        |          |              | 1        |          |   |   | _ ]            |   |
| L        |                | 128<br>129 |          | L        | 1 |          | ļ        |    | L        |          | _            | 1        |          | L |   |                |   |
| L        | $-\!\!\!\perp$ | 129        |          | L        | ┙ |          | L        | _  | L        |          |              |          |          |   | I |                |   |
| Ļ        | _              | 130        |          |          | 4 |          | L        |    | L        | _        |              | T        |          | L |   |                |   |
| L        | $\dashv$       | 131<br>132 |          | _        | 4 | _        | Ļ        | _  | L        |          |              | 1        |          | L | 1 |                |   |
| L        |                | 132        | _        | _        | 4 |          | Ļ        | _  | L        | _        |              | ļ        |          |   | ┙ |                |   |
| -        | _              | 133        | _        | <u>_</u> | 4 |          | L        |    | L        | _        |              | L        |          |   | 1 |                |   |
| $\vdash$ | -              | 134        |          |          | 4 |          | L        |    | L        | _        |              | Ļ        |          | L | 1 |                |   |
| $\vdash$ |                | 135        |          |          | 4 |          | $\vdash$ |    | L        | _        | _            | 1        | _        |   | ļ | _              |   |
| $\vdash$ | _              | 136        | -        |          | + |          | L        |    | L        | 4        |              | Ļ        | 4        |   | 1 | _              |   |
| $\vdash$ |                | 137<br>138 | -        | _        | + |          | -        |    | -        | 4        |              | L        |          |   | + | 4              |   |
| $\vdash$ | -              | 138        | 4        |          | + |          | ⊢        | _  | $\vdash$ | 4        |              | H        | _        |   | + | 4              |   |
| $\vdash$ | -              | 140        |          |          | + |          | -        | _  | <u> </u> | 4        |              | H        |          |   | + | 4              |   |
| -        |                | 141        | $\dashv$ | _        | + | _        | $\vdash$ | -  | $\vdash$ | -{       | _            | L        | 4        | _ | + | _              |   |
| $\vdash$ |                | 142        | +        |          | + | -        | H        | -  | _        | +        |              | ⊦        | 4        | _ | ╀ | 4              |   |
| -        |                | 143        | +        | _        | + |          | H        | 긕  |          | +        |              | -        | 4        | _ | + | 4              |   |
| $\vdash$ |                | 144        | $\dashv$ | _        | ╁ | -        | -        | -  | _        | +        |              | ┝        | +        |   | + | $\dashv$       |   |
| $\vdash$ |                | 145        | $\dashv$ |          | 1 | 4        | -        | -  | -        | +        |              | $\vdash$ | 4        | _ | + | $\dashv$       |   |
| 1        | -1-            | 146        | +        |          | + | $\dashv$ | _        | 4  |          | +        |              | ┝        | +        |   | ╀ | $\dashv$       |   |
| $\vdash$ |                | 147        | +        |          | + | $\dashv$ | _        | +  |          | +        | _            | -        | +        |   | ╀ | $\dashv$       |   |
| $\vdash$ |                | 48         | +        | _        | H | $\dashv$ |          | ┥  | _        | +        | -            | L        | +        |   | + | -              |   |
| $\vdash$ | 1              | 49         | +        |          | + | $\dashv$ | _        | +  |          | +        | -            | _        | +        |   | ┝ | $\dashv$       |   |
| H        |                | 50         | +        | -        | ┢ | $\dashv$ | -        | +  | _        | +        | $\dashv$     |          | +        |   | ╀ | $\dashv$       |   |
| _        |                | 30 j       |          |          | _ |          |          | _[ | _        |          |              | _        | _        |   | L |                |   |